

Finds#: KY0001018548

Natural Resources and Environmental Protection Cabinet  
Kentucky Department for Environmental Protection  
Division for Air Quality

PERMIT

Attn: Will May  
HUISH DETERGENTS, INCORPORATED  
385 Southwood Court  
BOWLING GREEN, KENTUCKY 42101

**RE: Operation of a Detergent Manufacturing Plant located on Southwood Court, Bowling Green**

Pursuant to your application which was determined to be complete by this office on February 2, 1996 , the Natural Resources and Environmental Protection Cabinet issues this permit for the construction/operation of the equipment specified herein in accordance with the plans, specifications, and other information submitted with your application. This permit has been issued under the provisions of KRS Chapter 224.10-100 and regulations promulgated pursuant thereto and is subject to all conditions and operating limitations contained herein. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet and/or other state, federal, and local agencies.

POINT OF EMISSION

AFFECTED FACILITY

CONDITIONS

I. PLANT UTILITIES

01            ( - )	Boiler #1 (Natural gas fired)	1. Heat input shall not exceed 12.555 mmBTU/hr. 2. Particulate emissions shall not exceed 0.471 lb/mmBTU and 25.9 TPY. 3. SO <sub>2</sub> emissions shall not exceed 2.215 lb/mmBTU and 121.8 TPY. 4. Opacity of visible emissions shall not exceed 20%.
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No deviation from the plans and specifications submitted with your application or the conditions specified herein is permitted, unless authorized in writing by the Division for Air Quality. Violations of the terms and conditions contained herein shall be grounds for the Department to seek revocation of this permit. All rights of inspection by the representatives of the Division for Air Quality are reserved. Responsibility for satisfactory conformance with all Air Quality Regulations must be borne by the permittee.

PERMIT NUMBER: F-96-007

Issued this                      day of                      1996

FILE NUMBER: 105-3960-0100

REGION: South Central

COUNTY: Warren

SIC CODE: 2841/2842

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John E. Hornback, Director

*Robert W. Logan*

Commissioner

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PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
02 ( - )	Boiler #2 (Natural gas fired)	<ol style="list-style-type: none"> <li>1. Heat input shall not exceed 8.369 mmBTU/hr.</li> <li>2. Particulate emissions shall not exceed 0.471 lb/mm BTU and 17.26 TPY.</li> <li>3. Sulfur dioxide emissions shall not exceed 2.215 lb/mmBTU and 81.19 TPY.</li> <li>4. Opacity of visible emissions shall not exceed 20%.</li> </ol>
03 ( - )	Furnace 25 mmBTU/hr Natural gas Fired, Direct heat exchanger	

II. LIQUID RAW MATERIAL STORAGE AND LIQUID PROCESSING UNIT:

04 (01)	30,455 gal Sulfonic Acid 89% Storage tank.	
05 (02)	30,455 gal Sodium Silicate Storage tank.	
06 (03)	30,455 gal Sur.N-85 Storage tank.	See General Condition 25.
07 (04)	20,303 gal Caustic soda Storage tank.	
08 (05)	20,303 gal Waste Water Storage tank.	
(06)	14,100 gal Recycle tank	
(08)	14,100 gal Deionized water Storage tank.	
(09)	14,100 gal Soft Water Storage tank.	
09 (10)	14,100 gal Ether Sulfate Storage tank.	See General Condition 25.

PERMIT - Continued

<u>POINT OF EMISSION</u>		<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
10	(15)	14,100 SXS-40 Storage tank.	See General Condition 25.
11	(17)	14,100 gal Fabric Softener Storage tank.	
12	(19)	14,100 gal TEA Storage tank.	
13	(20)	14,100 gal Sulfonic Acid 96% Storage tank.	
14	(22)	14,100 gal Neodol 25-7 Storage tank.	
15	(24)	14,100 gal Fatty acid Storage tank.	
16	(25)	14,100 gal Pine Oil Storage tank.	
17	(26)	14,100 gal Fabric Softener tank.	
18	(37)	14,100 gal gly.ether Storage tank.	See General Condition 25.
19	(36)	14,100 gal IPA Storage tank.	See General Condition 25.
20	(-)	14,100 gal Poly Acrylate Storage tank.	See General Condition 25.
21	(29)	Mixer # 1	See General Condition 26.
	(28)	Mixer # 2	
	(35)	Mixer # 3	
	(32)	Mixer # 4	

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
22 (31)	Pre-mixer #1, 1200 gal	
(30)	Pre-mixer #2, 1700 gal	

III. LIQUID FINISHED PRODUCT STORAGE

23	Finished product Storage tanks.	
(01)	Three 12,300 gal	
(02)	tanks.	
(03)		
(4A)	Four 7,000 gal	
(4B)	tanks.	
(5A)		
(5B)		
(06)	Two 8,000 gal	
(07)	tanks.	
(09)	Two 9,000 gal	
(10)	tanks.	

IV. POWDER PROCESSING UNIT

24	(DC14)	Soda Ash 90 Storage bin	<ol style="list-style-type: none"> <li>1. The processing rate shall not exceed 20,000 lb/hr and 87,360 TPY.</li> <li>2. Particulate emissions shall not exceed 14.02 lb/hr and 61.41 TPY.</li> <li>3. Opacity of visible emissions shall not equal or exceed 20%.</li> </ol>
25	(DC15)	Soda Ash 260 Storage bin	<ol style="list-style-type: none"> <li>1. The processing rate shall not exceed 14,000 lb/hr and 61,152 TPY.</li> <li>2. Particulate emissions shall not exceed 10.9 lb/hr and 47.74 TPY.</li> <li>3. Opacity of visible emissions shall not equal or exceed 20%.</li> </ol>

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
26 (DC16)	Sodium Perborate Storage bin	<ol style="list-style-type: none"> <li>1. The processing rate shall not exceed 3,000 lb/hr and 13,104 TPY.</li> <li>2. Particulate emissions shall not exceed 4.62lb/hr and 20.24TPY.</li> <li>3. Opacity of visible emissions shall not equal or exceed 20%.</li> </ol>
27 (DC17)	Sodium tri poly Phosphate Storage bin	<ol style="list-style-type: none"> <li>1. The processing rate shall not exceed 11,200 lb/hr and 48,922 TPY.</li> <li>2. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY.</li> <li>3. Opacity of visible emissions shall not equal or exceed 20%.</li> </ol>
28 (DC18)	Zeolite Storage bin	<ol style="list-style-type: none"> <li>1. The processing rate shall not exceed 10,000 lb/hr and 43,680 TPY.</li> <li>2. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY.</li> <li>3. Opacity of visible emissions shall not equal or exceed 20%.</li> </ol>
29 (DC19)	Na <sub>2</sub> SO <sub>4</sub> Storage bin	<ol style="list-style-type: none"> <li>1. The processing rate shall not exceed 3,000 lb/hr and 13,104 TPY.</li> <li>2. Particulate emissions shall not exceed 4.62 lb/hr and 20.24 TPY.</li> <li>3. Opacity of visible emissions shall not equal or exceed 20%.</li> </ol>
30 (DC20)	NaCl Storage bin	<ol style="list-style-type: none"> <li>1. The processing rate shall not exceed 22,000 lb/hr and 96,096 TPY.</li> </ol>

PERMIT - Continued

<u>POINT OF EMISSION</u>		<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
V. HIGH-SUDS BASE PRODUCTION			
A. Slurry Manufacturing			The production rate of slurry shall not exceed 34,500 lb/hr and 151,110 TPY.
31	(DC22)	Sod. tri poly phosphate Feeder bin	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
32	(DC23)	Soda ash 260 Feeder bin.	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 10.9 lb/hr and 47.74 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
33	(DC26)	Na <sub>2</sub> SO <sub>4</sub> Feeder bin	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 4.62 lb/hr and 20.23 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
34	(DC28)	NaCl Feeder bin	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 7.81 lb/hr and 34.21 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
35	(DC33)	CMC+ Feeder bin	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY.</li></ol>

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
36 (DC35)	Tinopal Feeder bin	<p>2. Opacity of visible emissions shall not equal or exceed 20%.</p> <p>1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY.</p> <p>2. Opacity of visible emissions shall not equal or exceed 20%.</p>
37 (DC6)	High-suds fine Recycle bin	<p>1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY.</p> <p>2. Opacity of visible emissions shall not equal or exceed 20%.</p>
	Sodium Silicate feeder tank	
	Sulfonic acid feeder tank	
	Caustic feeder tank	
	Water feeder tank	
38 (WS1)	Crutcher (Main Mixer)	<p>1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY.</p> <p>2. Opacity of visible emissions shall not equal or exceed 20%.</p>
37 (DC6)	Booster Mixer	<p>1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY.</p> <p>2. Opacity of visible emissions shall not equal or exceed 20%.</p>

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
37 (DC6)	Off Quality Mixer	1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
B. SPRAY DRYING		The production rate of spray dried product shall not exceed 35,400 lb/hr and 155,052 TPY.
38 (WS1)	Spray Tower	1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
(C-1)	Cyclone Product Collector	
37 (DC6)	High-suds clean out Bin	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
37 (DC6)	Drum Mixer	1. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
37 (DC6)	Cage Mill feeder	1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
39 (DC1)	Cage Mill	1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY.



PERMIT - Continued

<u>POINT OF EMISSION</u>		<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
VI. LOW-SUDS BASE PRODUCTION			2. Opacity of visible emissions shall not equal or exceed 20%.
A. Agglomeration Process			
		Sodium Silicate feed tank	The production rate of dried Agglomerated product shall not exceed 40,000 lb/hr and 175,200 TPY.
		Tinopal feed tank	
40	(DC27)	Zeolite feeder bin	1. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
41	(DC31)	Sod.tri poly phosphate feeder bin	1. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
42	(DC30)	NaCl feeder bin	1. Particulate emissions shall not exceed 10.9 lb/hr and 47.74 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43	(DC7)	CMC Super sack	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
44	(DC34)	CMC feeder bin	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
43 (DC7)	Tinopal Super sack	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
45 (DC36)	Tinopal feeder bin	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
46 (DC23)	Soda ash 90 feeder bin	1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%
43 (DC7)	Enzyme Super sack	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%
43 (DC7)	Screen	1. Particulate emissions shall not exceed 6.34 lb/hr and 27.77 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Elevator #1	1. Particulate emissions shall not exceed 6.34 lb/hr and 27.77 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Elevator #3	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
47 (DC2)	Fluid bed Dryer	1. Particulate emissions shall not exceed 23.0 lb/hr and 100.74 TPY.

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
		2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Screen	1. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Elevator #4	1. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Elevator #5	1. Particulate emissions shall not exceed 6.34 lb/hr and 27.77 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Elevator #6	1. Particulate emissions shall not exceed 6.34 lb/hr and 27.77 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Low suds off quality Collect bin	1. Particulate emissions shall not exceed 6.34 lb/hr and 27.77 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
43 (DC7)	Low suds fine Recycle bin	1. Particulate emissions shall not exceed 6.34 lb/hr and 27.77 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.

VII. LOW-SUDS FINAL PRODUCT LINE

The production rate of Low-suds product shall not exceed 40,000 lb/hr and 174,720 TPY.

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
43 (DC7)	Low suds base tank	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
43 (DC7)	Low suds drum mixer	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 23.0 lb/hr and 100.74 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
43 (DC7)	Elevator #8	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 23.0 lb/hr and 100.74 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
VIII. HIGH SUDS FINAL PRODUCT LINE		The production rate of High Suds product shall not exceed 35,400 lb/hr and 155,052 TPY.
48 (DC29)	Sodium Perborate Feeder bin	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
37 (DC6)	Elevator # 2	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 9.74 lb/hr and 42.7 TPY.</li><li>2. Opacity of visible emissions shall not equal or exceed 20%.</li></ol>
37 (DC6)	High suds base feeder bin	<ol style="list-style-type: none"><li>1. Particulate emissions shall not exceed 14.97 lb/hr and 65.6 TPY.</li></ol>

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
		2. Opacity of visible emissions shall not exceed 20%.
37 (DC6)	High suds off quality Feeder bin	1. Particulate emissions shall not exceed 7.81 lb/hr and 34.21 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
37 (DC6)	High suds drum Mixer	1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
37 (DC6)	Elevator # 7	1. Particulate emissions shall not exceed 19.24 lb/hr and 84.27 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.

IX. FABRIC SOFTENER DRYER SHEET PRODUCTION UNIT:

DFE Model P3 coating Machine

X. PACKAGING SECTION

49 (DC3)	Four (4) Clyborne Packaging machines	1. The total processing rate of the packaging machines shall not exceed 13,333 lb/hr and 58,240 TPY. 2. Particulate emissions shall not exceed 10.9 lb/hr and 47.74 TPY. 3. Opacity of visible emissions shall not equal or exceed 20%.
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PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
XI. MISCELLANEOUS OPERATIONS:		
50 (DC8-DC11)	Manufacturing Area Fugitive Dust Collection System	1. Particulate emissions shall not exceed 3.103 lb/hr and 13.59 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
51 (DC12,DC13)	Packaging Area Fugitive Dust Collection System	1. Particulate emissions shall not exceed 1.94 lb/hr and 8.49TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
XII. MOLDING OPERATIONS		The processing rate of Polyethylene shall not exceed 2788 lb/hr.
52 (-)	Blow Molding	1. Particulate emissions shall not exceed 4.12 lb/hr and 18.05 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.
53 (-)	Injection Molding	1. Particulate emissions shall not exceed 2.34 lb/hr and 10.25 TPY. 2. Opacity of visible emissions shall not equal or exceed 20%.

**GENERAL CONDITIONS:**

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be (a) violation(s) of State Regulation 401 KAR 50:035, Permits, Section 4 and Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) and is grounds for an enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.

**PERMIT - Continued**

**GENERAL CONDITIONS:**

2. Any deviations from permit requirements, including those due to upset conditions, shall be promptly reported to the Division's Bowling Green Regional Office. In accordance with State Regulation 401 KAR 50:055, General compliance requirements, Section 1, the reports shall describe the probable cause of the deviations and corrective actions or preventative measures taken.
3. This permit shall become null and void after five years following the date of issue. Application for renewal shall be made at least six months prior to the expiration date.
4. All records and support information required by State Regulation 401 KAR 50:035, Permits, shall be retained at the source authorized by this permit for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.
5. Periodic testing or instrumental or noninstrumental monitoring, which may consist of recordkeeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit.
6. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7619 (Title V of the Act), both provisions shall apply, and are both state and federally enforceable.
7. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit.
8. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance.
9. The permit contained herein may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance shall not stay any permit condition.
10. This permit does not convey property rights or exclusive privileges.
11. The permittee shall perform compliance certification and record keeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official pursuant to State Regulation 401 KAR 50:035, Permits, Section 3(4).

**PERMIT - Continued**

**GENERAL CONDITIONS:**

12. The permittee shall furnish to the Division, in writing, information that the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Division, copies of records, reports, and other information required by the permit to be kept.
13. This permit shall be subject to suspension at any time the permittee fails to pay all fees within 90 days after notification as specified in State Regulation 401 KAR 50:038, Air emissions fee.
14. Except as identified as state-origin permit conditions in this permit, all terms and conditions contained herein shall be enforceable by U.S. EPA and citizens.
15. The permittee shall allow the Cabinet or an authorized representative to perform the following:
  - a. Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
  - b. Have access to and copy, at reasonable times, any records required by the permit:
    1. During normal office hours, and
    2. During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
  - c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
    1. During all hours of operation at the source,
    2. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
    3. During an emergency; and
  - d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
    1. During all hours of operation at the source,
    2. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
    3. During an emergency.
16. Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements as of the date of the issuance of this permit.



**PERMIT - Continued**

**GENERAL CONDITIONS:**

17. Nothing in this permit shall alter or affect the authority of the U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.
18. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance.
19. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
20. Pursuant to State Regulation 401 KAR 50:035, Permits, Section 4(7), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
  - a. An emergency occurred and the permittee can identify the cause of the emergency;
  - b. The permitted facility was at the time being properly operated;
  - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
  - d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency if the notice met the requirement of State Regulation 401 KAR 50:035, Permits, Section 4(1)(c)3.b., and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
21. Emergency provisions listed in General Condition 20 are in addition to any emergency or upset provision contained in an applicable requirement.
22. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof.
23. The permittee shall certify compliance to the Cabinet and U.S. EPA annually or as otherwise specified in this permit with the terms and conditions contained herein, including emission limitations, standards, and work practices in accordance with the following requirements. The compliance certification shall include the following:
  - a. Identification of each term or condition of the permit that is the basis for the certification;
  - b. Compliance status;
  - c. Whether compliance was continuous or intermittent;

PERMIT - Continued

**GENERAL CONDITIONS:**

- d. The method used for determining the compliance status of the source, currently and over the reporting period pursuant to State Regulation 401 KAR 50:035, Permits, Section 4(1)(c); and
  - e. Other facts as the Cabinet may require to determine the compliance status of the source.
24. Pursuant to State Regulations 401 KAR 50:012, General application, Section 1(1) and 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by State Regulation 401 KAR 50:055, Section 1.
25. The following throughput rates during any 12 consecutive months shall not be exceeded:

Point of Emission	Affected Facility	Throughput (Gal/yr)
06 (03)	30,455 gal Sur.N-85 Storage tank.	6,800,000
09 (10)	14,100 gal Ether Sulfate Storage tank.	346,360
10 (15)	14,100 gal SXS-40 Storage tank.	1,281,384
18 (37)	14,100 gal gly.ether Storage tank.	199,160
19 (36)	14,100 gal IPA Storage tank.	199,160
20 ( - )	14,100 gal Poly Acrylate Storage tank.	960,000

26. The maximum production rate collectively from the four mixers listed at emission point 21 (28,29,32,35) shall not exceed 38,756.3 lb/hr and 169,753 tons during any 12 consecutive months.

**PERMIT - Continued**

**GENERAL CONDITIONS:**

27. Visible and particulate emissions as measured by methods referenced in state regulation 401 KAR 50:015, Documents incorporated by reference, section 1, shall not exceed the respective pollutant emission limitations specified herein.
28. The Division for Air Quality has determined that this source's potential to emit any air pollutant will be less than 100 tons per year due to the limitation of processing rates and requirements to operate and maintain air pollution control devices. Although the permit is conditioned to allow emissions in excess of 100 tons per year pursuant to federally enforceable regulations, emissions equal to or in excess of 100 tons per year will not be possible under the terms of this permit.